

- [109] A. Voulimeneas, D. Song, P. Larsen, M. Franz, and S. Volckaert, “dMVX: Secure and Efficient Multi-variant Execution in a Distributed Setting,” in *EuroSec '21: Proceedings of the 14th European Workshop on Systems Security, Virtual Event / Edinburgh, Scotland, UK, April 26, 2021*, pp. 41–47, ACM, 2021.
- [110] R. Tsoupidi, R. C. Lozano, and B. Baudry, “Constraint-based Diversification of JOP Gadgets,” *J. Artif. Intell. Res.*, vol. 72, pp. 1471–1505, 2021.
- [111] J. Falleri, F. Morandat, X. Blanc, M. Martinez, and M. Monperrus, “Fine-grained and Accurate Source Code Differencing,” in *ACM/IEEE International Conference on Automated Software Engineering, ASE '14*, pp. 313–324, 2014.
- [112] H. Bostani and V. Moonsamy, “EvadeDroid: A Practical Evasion Attack on Machine Learning for Black-box Android Malware Detection,” *CoRR*, vol. abs/2110.03301, 2021.
- [113] D. D. Yao, X. Shu, L. Cheng, and S. J. Stolfo, *Anomaly Detection as a Service: Challenges, Advances, and Opportunities*. Synthesis Lectures on Information Security, Privacy, and Trust, Morgan & Claypool Publishers, 2017.
- [114] S. A. Hofmeyr, S. Forrest, and A. Somayaji, “Intrusion Detection Using Sequences of System Calls,” *J. Comput. Secur.*, vol. 6, no. 3, pp. 151–180, 1998.
- [115] Y. Fang, C. Huang, L. Liu, and M. Xue, “Research on Malicious JavaScript Detection Technology Based on LSTM,” *IEEE Access*, vol. 6, pp. 59118–59125, 2018.
- [116] E. Johnson, D. Thien, Y. Alhessi, S. Narayan, F. Brown, S. Lerner, T. McMullen, S. Savage, and D. Stefan, “, : SFI safety for native-compiled Wasm,” *Network and Distributed Systems Security (NDSS) Symposium*, 2021.
- [117] F. Cohen, “Computer Viruses,” in *Proceedings of the 7th DoD/NBS Computer Security Conference 1984*, pp. 240–263, 1986.
- [118] R. L. Castro, C. Schmitt, and G. D. Rodosek, “ARMED: How Automatic Malware Modifications Can Evade Static Detection?,” in *2019 5th International Conference on Information Management (ICIM)*, pp. 20–27, 2019.
- [119] R. L. Castro, C. Schmitt, and G. Dreo, “AIMED: Evolving Malware with Genetic Programming to Evade Detection,” in *18th IEEE International Conference On Trust, Security And Privacy In Computing And Communications / 13th IEEE International Conference On Big Data Science And Engineering, TrustCom/BigDataSE 2019, Rotorua, New Zealand, August 5-8, 2019*, pp. 240–247, IEEE, 2019.

- [120] H. Aghakhani, F. Gritti, F. Mecca, M. Lindorfer, S. Ortolani, D. Balzarotti, G. Vigna, and C. Kruegel, “When Malware is Packin’ Heat; Limits of Machine Learning Classifiers Based on Static Analysis Features,” in *27th Annual Network and Distributed System Security Symposium, NDSS 2020, San Diego, California, USA, February 23-26, 2020*, The Internet Society, 2020.
- [121] M. W. J. Chua and V. Balachandran, “Effectiveness of Android Obfuscation on Evading Anti-malware,” in *Proceedings of the Eighth ACM Conference on Data and Application Security and Privacy, CODASPY*, pp. 143–145, 2018.
- [122] P. Dasgupta and Z. Osman, “A Comparison of State-of-the-art Techniques for Generating Adversarial Malware Binaries,” *CoRR*, vol. abs/2111.11487, 2021.
- [123] G. Lu and S. K. Debray, “Weaknesses in Defenses against Web-borne Malware - (Short Paper),” in *Proceedings of Detection of Intrusions and Malware, and Vulnerability Assessment - 10th International Conference, DIMVA 2013*, vol. 7967, pp. 139–149, Springer, 2013.
- [124] M. Payer, “Embracing the New Threat: Towards Automatically Self-diversifying Malware,” in *Proceedings of The Symposium on Security for Asia Network*, pp. 1–5, 2014.
- [125] N. Loose, F. Mächtle, C. Pott, V. Bezsmertnyi, and T. Eisenbarth, “Madvex: Instrumentation-based Adversarial Attacks on Machine Learning Malware Detection,” in *Detection of Intrusions and Malware, and Vulnerability Assessment - 20th International Conference, DIMVA 2023*, vol. 13959 of *Lecture Notes in Computer Science*, pp. 69–88, 2023.
- [126] R. Sasnauskas, Y. Chen, P. Collingbourne, J. Ketema, J. Taneja, and J. Regehr, “Souper: A Synthesizing Superoptimizer,” *CoRR*, vol. abs/1711.04422, 2017.
- [127] B. G. Ryder, “Constructing the Call Graph of a Program,” *IEEE Transactions on Software Engineering*, no. 3, pp. 216–226, 1979.
- [128] S. Narayan, C. Disselkoen, D. Moghimi, S. Cauligi, E. Johnson, Z. Gang, A. Vahldiek-Oberwagner, R. Sahita, H. Shacham, D. M. Tullsen, and D. Stefan, “Swivel: Hardening WebAssembly against Spectre,” in *30th USENIX Security Symposium, USENIX Security 2021, August 11-13, 2021*, pp. 1433–1450, 2021.
- [129] E. Johnson, D. Thien, Y. Alhessi, S. Narayan, F. Brown, S. Lerner, T. McMullen, S. Savage, and D. Stefan, “SFI Safety for Native-compiled Wasm,” *NDSS. Internet Society*, 2021.